

What is claimed is:

1. ~~A method of up converting a modulated IF to an assigned one of a plurality of RF channels, each of the channels comprising a channel frequency band, said method comprising the step of:~~

~~— amplifying the power level of the IF signal with a gain;~~

~~— mixing the IF signal with a local oscillator circuit to produce an RF output signal falling within the channel frequency range of the assigned RF channel; and
attenuating the RF output signal by a factor substantially equal to the gain.~~

2. ~~The method of Claim 1 further comprising the step of filtering one or more distortion components from the RF output signal.~~

3. ~~The method of Claim 2 wherein the gain is nominal whenever at least one of the one or more distortion components is cannot be filtered.~~

Replace with new claims Nov. 2004

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